



GW D6 433

### EXTRACTABLE SPARE CARTRIDGES FOR LST TYPE 1+2

Code	Type	Impulse current	Pack Carton
<b>Suitable for: GWD6401 and GWD6402</b>			
GW D6 451	Phase	12.5 kA	1
GW D6 452	Neutral	25 kA	1
GW D6 453	Neutral	50 kA	1
<b>Suitable for: GWD6404 and GWD6405</b>			
GW D6 433	Phase	25 kA	1
GW D6 434	Neutral	50 kA	1
GW D6 435	Neutral	100 kA	1

**CHARACTERISTICS:** a fissure on the base of the surge protection devices will help you to insert the cartridges, and prevents the insertion of the phase cartridge in place of the neutral one, or viceversa.



GW D6 436

### EXTRACTABLE SPARE CARTRIDGES FOR LST TYPE 2

Code	Type	Maximum discharge current	Rated voltage	Pack Carton
<b>Suitable for: from GWD6407 to GWD6420</b>				
GW D6 436	Phase	20 kA	230 V ac	1
GW D6 438	Neutral	20 kA		1
GW D6 441	Phase	40 kA	230 V ac	1
GW D6 442	Phase	40 kA	400 V ac	1
GW D6 443	Neutral	40 kA		1

**CHARACTERISTICS:** a fissure on the base of the surge protection devices will help you to insert the cartridges, and prevents the insertion of the phase cartridge in place of the neutral one, or viceversa.



GW D6 446

### EXTRACTABLE SPARE CARTRIDGES FOR LST TYPE 2 FOR PHOTOVOLTAIC APPLICATIONS

Code	Maximum discharge current	Rated voltage	Pack Carton
<b>Suitable for: GWD6426 and GWD6428</b>			
GW D6 446	40 kA	600 V dc	1
GW D6 448	40 kA	1000 V dc	1

## PERMANENT AND TRANSIENT SURGE PROTECTIVE DEVICES POP



GW D6 467

### POP 2 POLES (COMBINED SPD+POP WITH MCB INCLUDED)

Code	MCB rated current	SPD Maximum discharge current	Rated voltage AC	No. of modules EN 50022	Pack Carton
<b>MCB type: MT 60</b>					
GW D6 464	25 A	15 kA (Type 2)	230 V	5	1/4
GW D6 465	32 A	15 kA (Type 2)	230 V	5	1/4
GW D6 466	40 A	15 kA (Type 2)	230 V	5	1/4
GW D6 467	50 A	15 kA (Type 2)	230 V	5	1/4
GW D6 468	63 A	15 kA (Type 2)	230 V	5	1/4
<b>MCB type: MTC 60</b>					
GW D6 474	25 A	15 kA (Type 2)	230 V	4	1/4
GW D6 475	32 A	15 kA (Type 2)	230 V	4	1/4

**CHARACTERISTICS:** every kit is made up of:

- 1 x shunt trip release (GW96012)
- 1 x miniature circuit breaker (MT or MTC) 1P+N 6000 A curve C
- 1 x combined SPD+POP device.

**APPLICATIONS:** protection for single-phase electrical supply network overvoltage.

It protects against transient overvoltage (e.g. lightning) as well as voltage increases which last for an indefinite period (e.g. permanent overvoltages due to the distribution network or to the loss of neutral).